ABSTRACT OF THE DISCLOSURE

Techniques for automatically modifying behavior of a compiled application include receiving a first set of compiled instructions for the application. The first set of compiled instructions is modified to generate a modified set of compiled instructions. Modifying the first set of compiled instructions includes inserting a new set of one or more instructions for invoking a first routine that provides new behavior. The first routine is not part of the first set of compiled instructions. These techniques allow an administrator to automatically instrument compiled code of an application to provide new behavior for the application without taking the application offline for substantial periods of time. In particular, the techniques allow a service provider to automatically instrument existing applications, components, and sub-components to measure and respond to server-side performance without taking the applications offline.

50277-1764